# Vaibhav Awasthi

**Programmer and developer**
Bachelor of Technology
Pranveer Singh Institute of Technology,Kanpur Nagar (U.P.)

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 GitHub Profile
 LinkedIn Profile

## EDUCATION

•**Bachelor of Technology in Computer Science and Engineering(Artificial Intelligence)** — *expected 2025*
*Pranveer Singh Institute of Technology, Kanpur Nagar, U.P.* — 60.3%

•**Intermediate** — *2019-20*
*St.Joseph College, Lucknow, U.P.* — 70.5%

•**High School** — *2017-18*
*St.Joseph College, Lucknow, U.P.* — 72.2%

## PERSONAL PROJECTS

•**Car Rental System(OptiFlow Technologies)**

*Built a Spring Boot–React app for car bookings, client and insurance management, and real-time availability.*

- Built core features like car search, booking, user login, and availability using React, Bootstrap, and REST APIs.
- Added role-based login with Spring Security and email confirmations via JavaMail.
- Created an admin dashboard with MySQL and Chart.js to show booking stats, revenue, and car usage.
- Tech Stack: Java, Spring Boot, React.js, MySQL, REST API, Bootstrap, Spring Security, JavaMail, Chart.js.

•**AI Agent Text Sentiment Analyzer**

*Designed and implemented a real-time sentiment analysis app using Python, Hugging Face Transformers, and Streamlit.*

- Implemented NLP-based classification of user text into positive, negative, or neutral categories.
- Designed an interactive UI with sentiment distribution visualization and support for future model fine-tuning.
- Tech Stack: Python, Hugging Face Transformers, Streamlit, Scikit-learn, NLP. .

•**Web Page Automation via Popup Interface Extension**

*Designed a Chrome Extension with a visual element picker, templates, and a flow-based UI for browser automation.*

- Enabled multi-tab workflows, script import/export, persistent storage, and real-time error handling with user notifications.
- Integrated cloud sync using Firebase for seamless access to user scripts across devices.
- Tech Stack: JavaScript, HTML, CSS, Chrome Extension APIs, Firebase

## TECHNICAL SKILLS AND INTERESTS

**Languages :** Java, Python, JavaScript, TypeScript, HTML, CSS.
**Frontend :**React.js, HTML5, CSS3, Bootstrap, JavaScript, Streamlit, Chrome Extension APIs
**Backend :** Java, Spring Boot, Spring Security, REST APIs, MySQL, JavaMail API, Python, Scikit-learn, Hugging Face Transformers
**Web Dev Tools :** Nodejs, VScode, Github
**Relevent Coursework**: Data Structures, Object Oriented Programming, Database Management System,SQL, Machine Learning
**Areas of Interest**: Web Design and Development, Artificial Intelligence , Machine Learning
**Soft Skills**: Problem Solving, Self-learning, Presentation, Adaptability, Teamwork

## ACHIEVEMENTS

- 5 star coder Java or python in Hackerrank
- Selected for TechExpo 2024 organised by the institution, showcasing leadership and teamwork abilities

## CERTIFICATE

- Machine Learning Fundamentals From IBM
- AWS Certified Cloud Practitioner
- Javascript Certificate From Springboard